

Form PTO-948 (Rev. 06/05)
Application No. 09/976368

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2/8/02 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. X objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required). <u> </u> Color drawings are not acceptable until petition is granted. Fig(s) <u> </u> <u> </u> Pencil and non black ink not permitted. Fig(s) <u> </u></p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b) <u> </u> One () full-tone set is required. Fig(s) <u> </u> <u> </u> Photographs may not be mounted. 37 CFR 1.84(c) <u> </u> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) <u> </u> <u> </u> Poor quality (half-tone). Fig(s) <u> </u></p> <p>3. TYPE OF PAPER. 37 CFR 1.84(c) <u> </u> Paper not flexible, strong, white, and durable. Fig(s) <u> </u> <u> </u> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) <u> </u></p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2 x 11 inches) <u> </u> All drawing sheets not the same size. <u> </u> Sheet(s) <u> </u> <u> </u> Drawings sheets not an acceptable size. Fig(s) <u> </u></p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm <u> </u> Margins not acceptable. Fig(s) <u> </u> <u> </u> To (T) <u> </u> Left (L) <u> </u> Right (R) <u> </u> Bottom (B)</p> <p>6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. <u> </u> Views not labeled separately or properly. Fig(s) <u> </u></p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) <u> </u> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) <u> </u></p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) <u> </u> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) <u> </u></p> <p>9. SCALE. 37 CFR 1.84(k) <u> </u> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) <u> </u></p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) <u>X</u> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>3A-3H, 4C-5S</u></p> <p>11. SHADING. 37 CFR 1.84(m) <u> </u> Solid black areas pale. Fig(s) <u> </u> <u> </u> Solid black shading not permitted. Fig(s) <u> </u></p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) <u> </u> Numbers and reference characters not plain and legible. Fig(s) <u> </u> <u> </u> Figure legends are poor. Fig(s) <u> </u> <u> </u> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) <u> </u> <u> </u> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) <u> </u> <u> </u> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) <u> </u></p> <p>13. LEAD LINES. 37 CFR 1.84(q) <u> </u> Lead lines missing. Fig(s) <u> </u></p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) <u> </u> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) <u> </u></p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u) <u> </u> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) <u> </u></p> <p>16. DESIGN DRAWINGS. 37 CFR 1.152 <u> </u> Surface shading shown not appropriate. Fig(s) <u> </u> <u> </u> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) <u> </u></p>
<p>COMMENTS:</p>	

Reviewer A.D.
If you have questions, call (703) 305-8404.

Date 1/21/05
Attachment to Paper No.